

FIG. 1

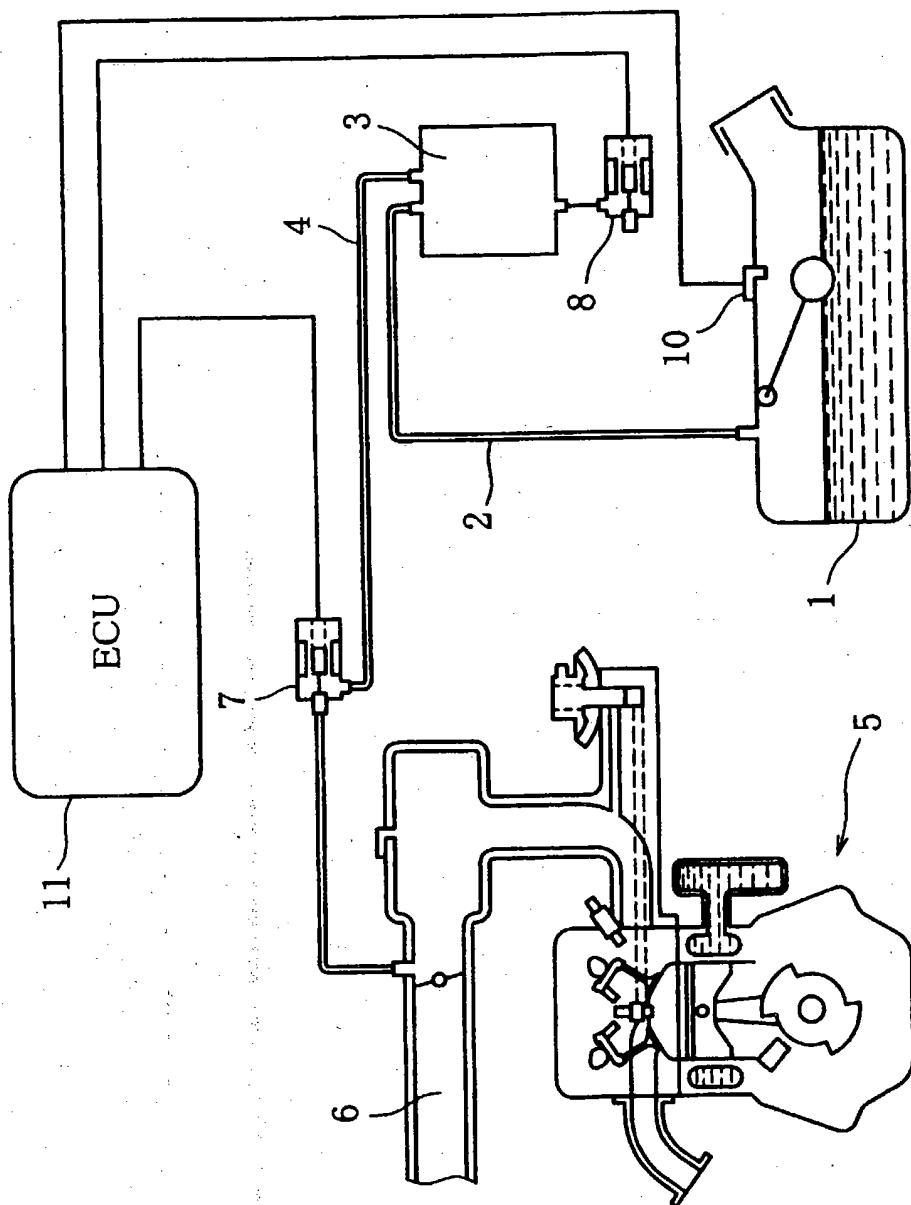
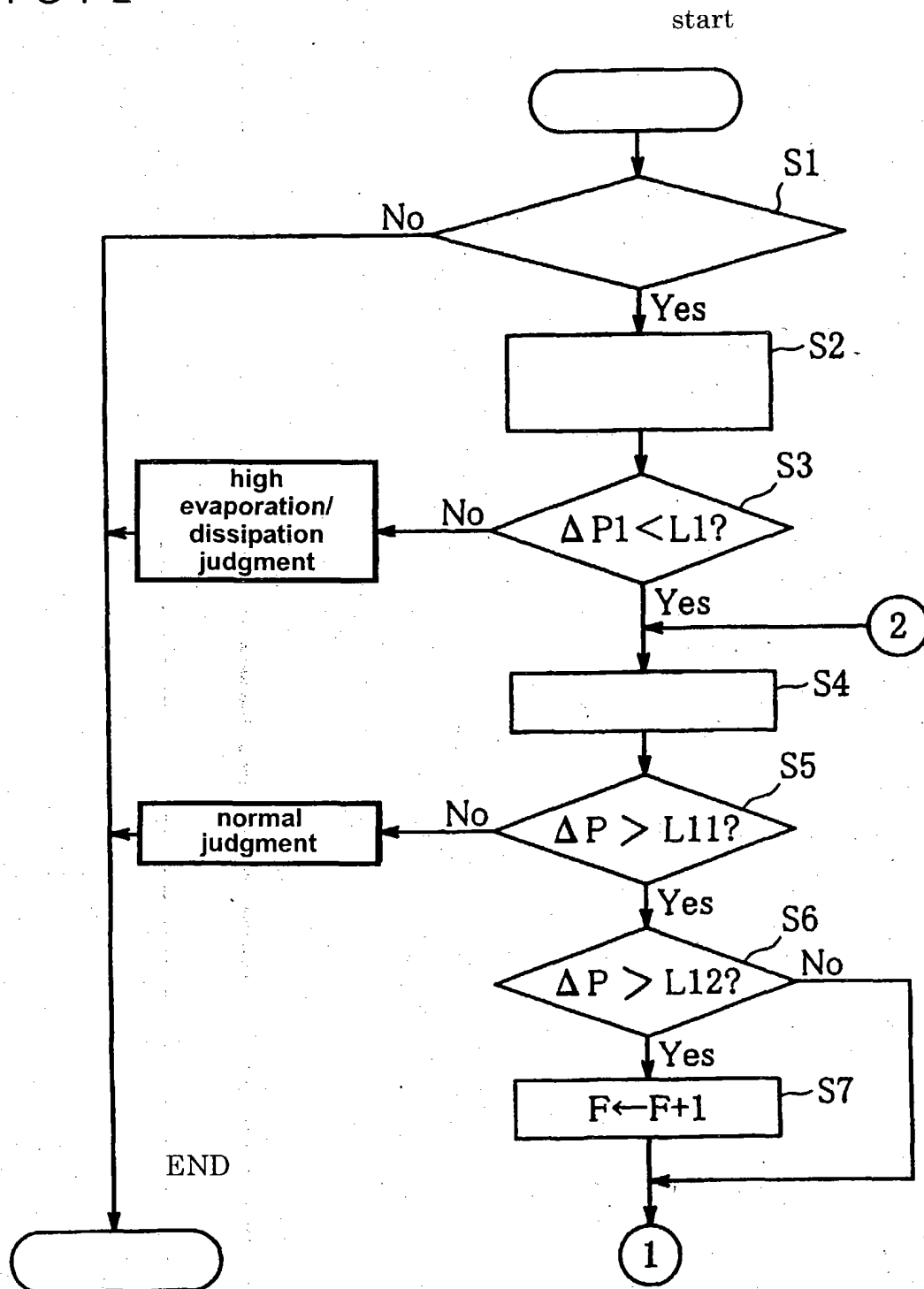


FIG. 2

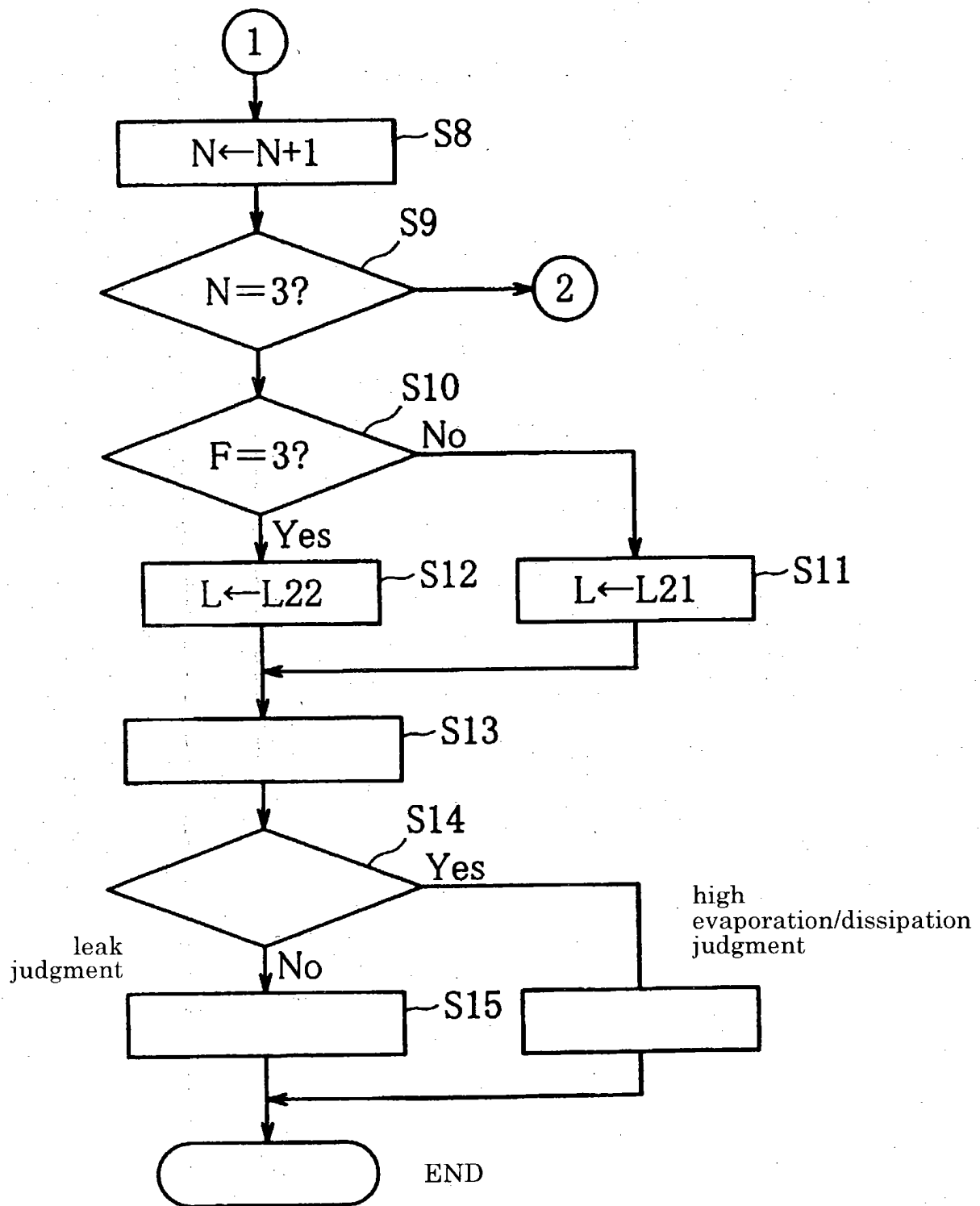


S1: Is diagnosis condition established?

S2: measurement of tank internal pressure increment  $\Delta P1$

S4:  $\Delta P$  measurement

FIG. 3



S13: re- $\Delta P1$  measurement

S14: re- $\Delta P1 > L$ ?

S15: leak judgment

FIG. 4

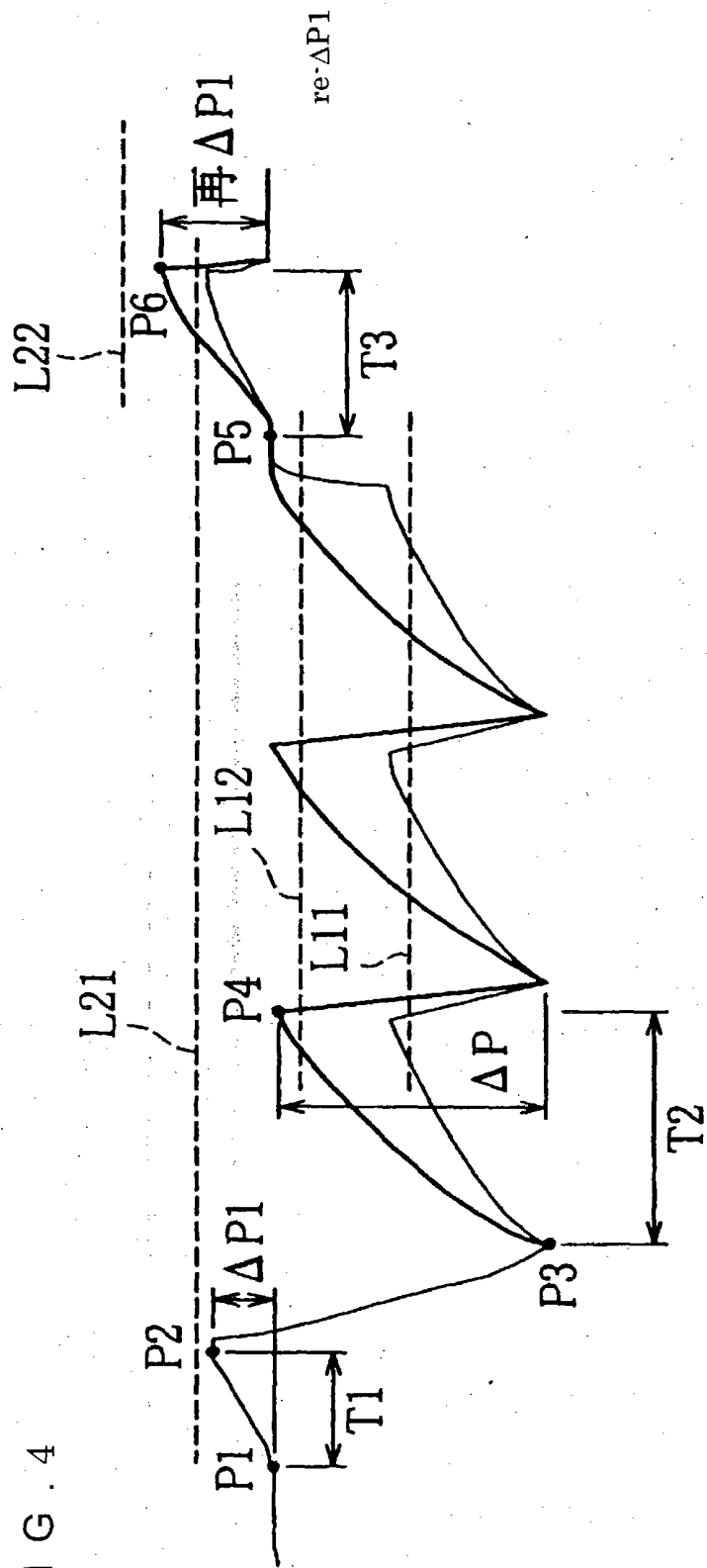


FIG. 5

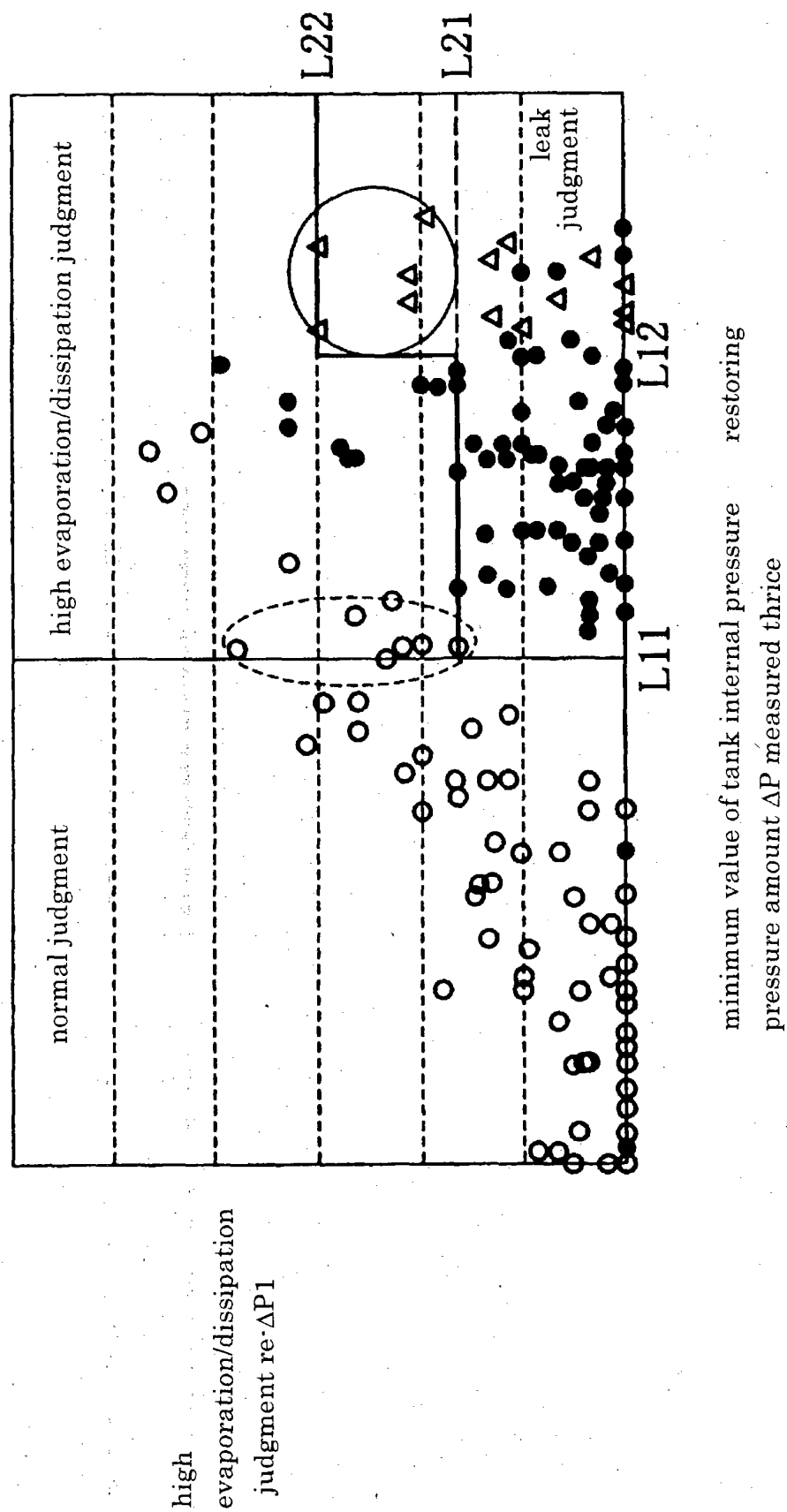
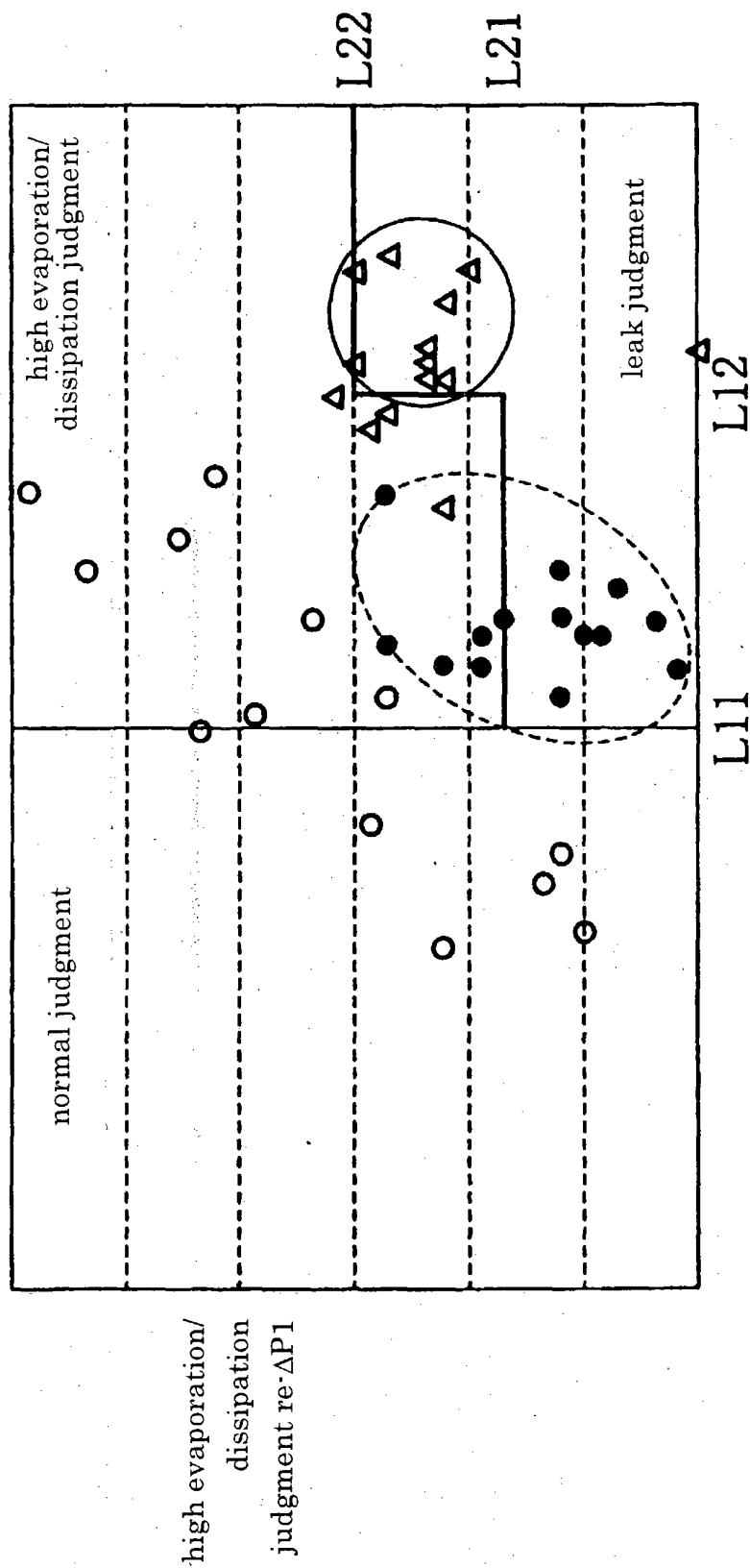
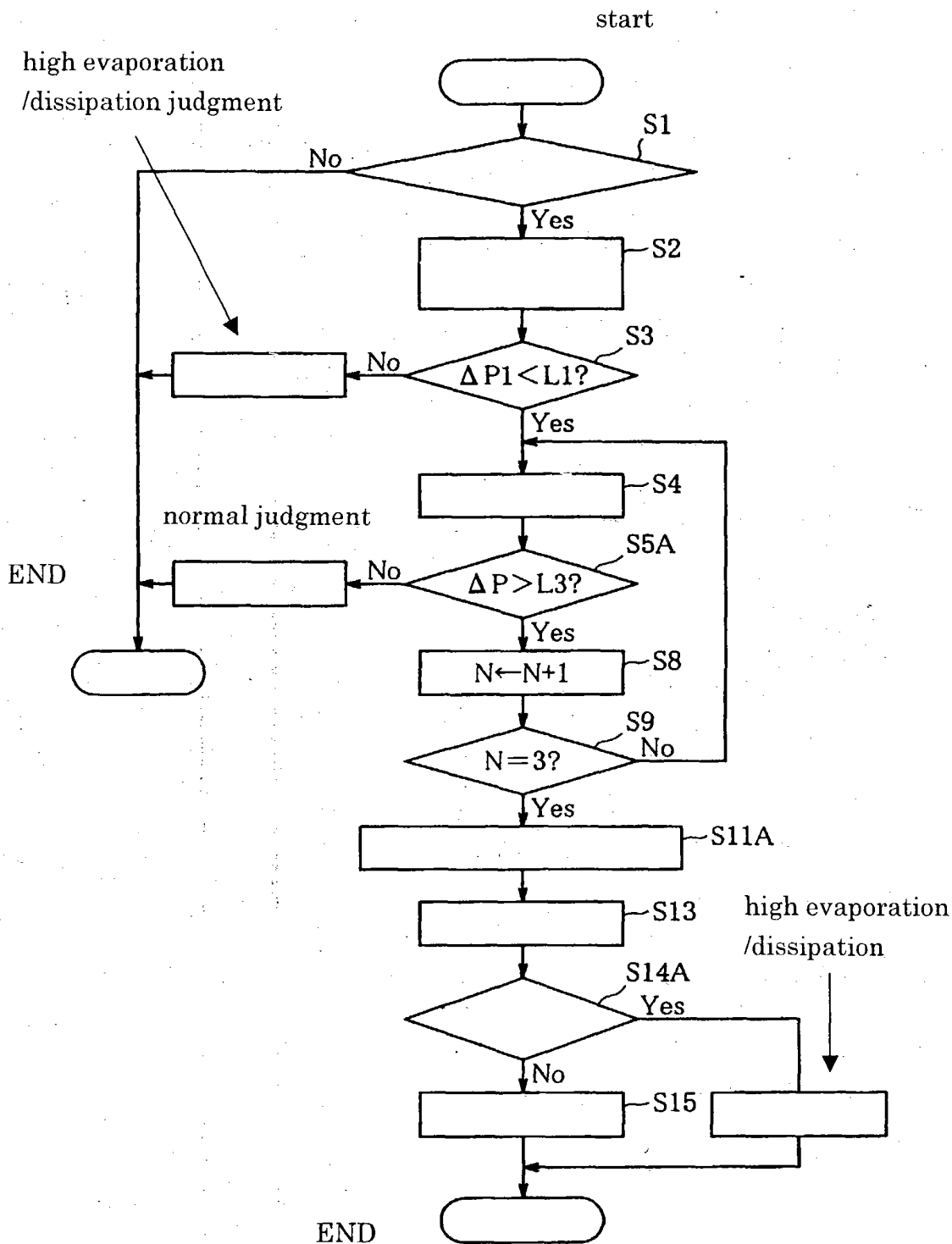


FIG. 6



minimum value of tank internal pressure    restoring  
pressure amount  $\Delta P$  measured thrice

FIG. 7

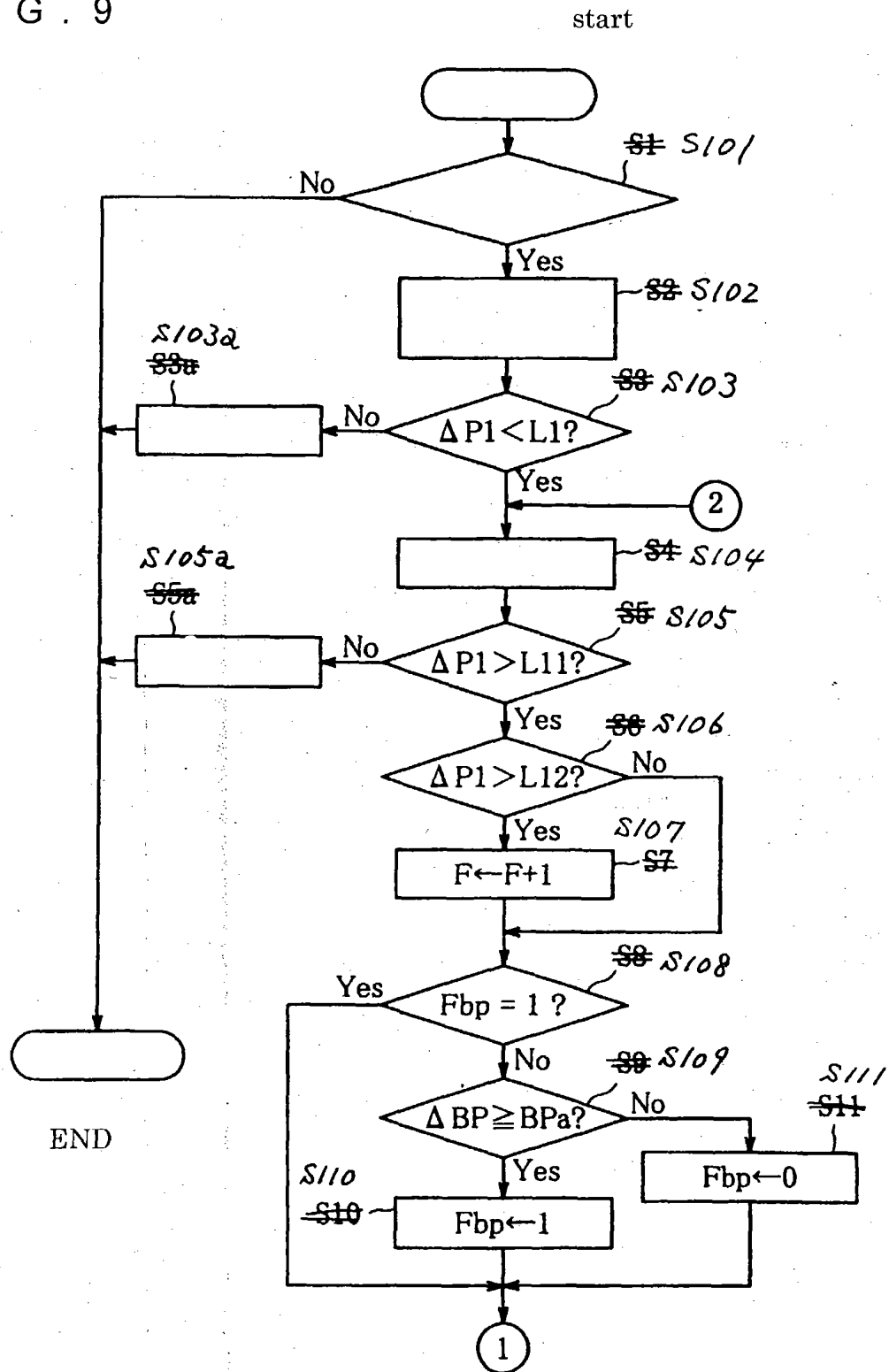


- S1: Is diagnosis condition established?
- S2: measurement of tank internal pressure increment  $\Delta P1$
- S4:  $\Delta P$  measurement
- S11A:  $L4$  is set in accordance with  $\Delta P$
- S13: measurement of  $re \cdot \Delta P1$
- S14A:  $re \cdot \Delta P1 > L4$ ?





FIG. 9



S101: Is diagnosis condition established?

S102: measurement of tank internal pressure increment  $\Delta P1$

S103a: high evaporation/dissipation judgement

S104:  $\Delta P$  measurement

S105a: normal judgement

FIG. 10

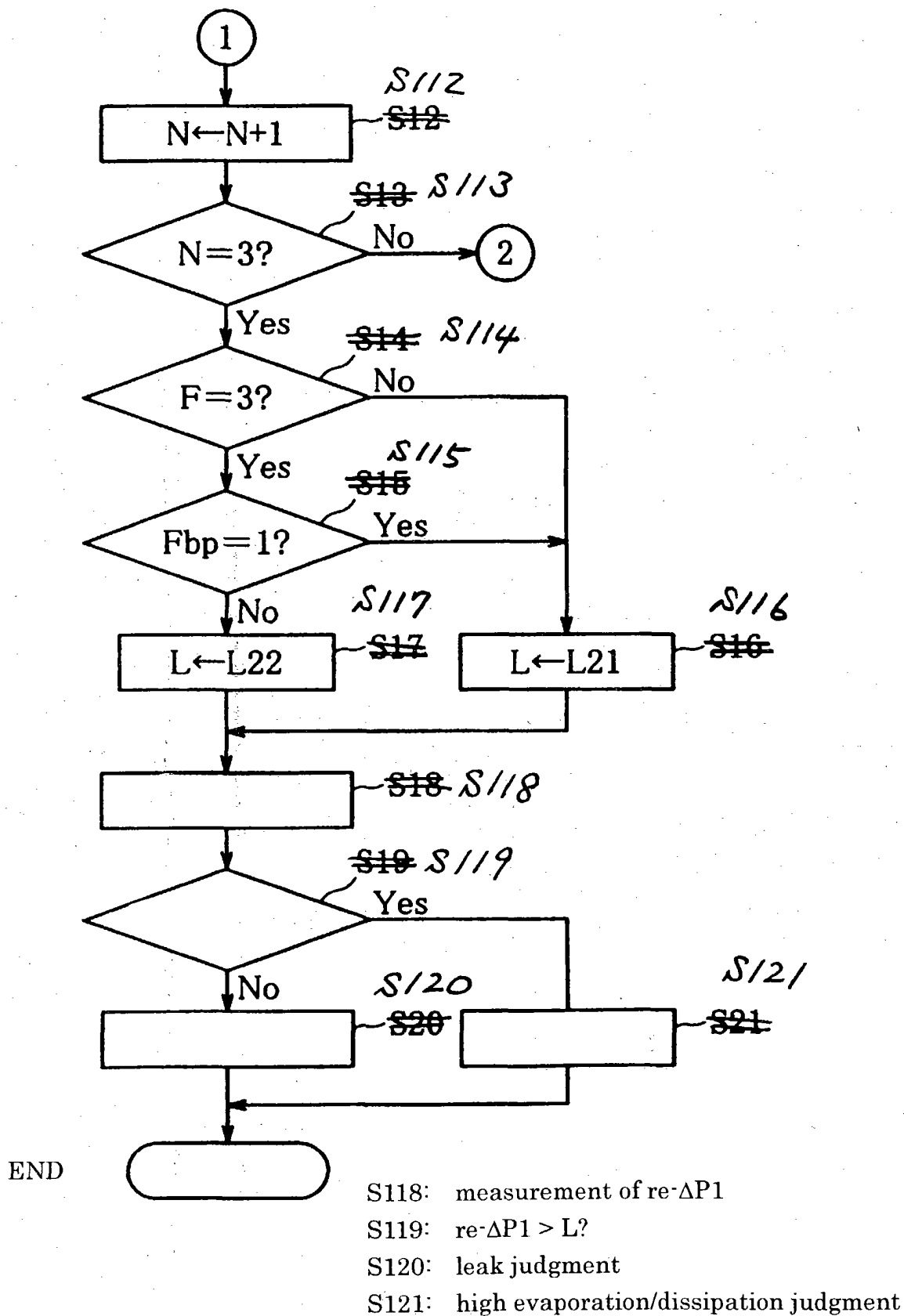


FIG . 11

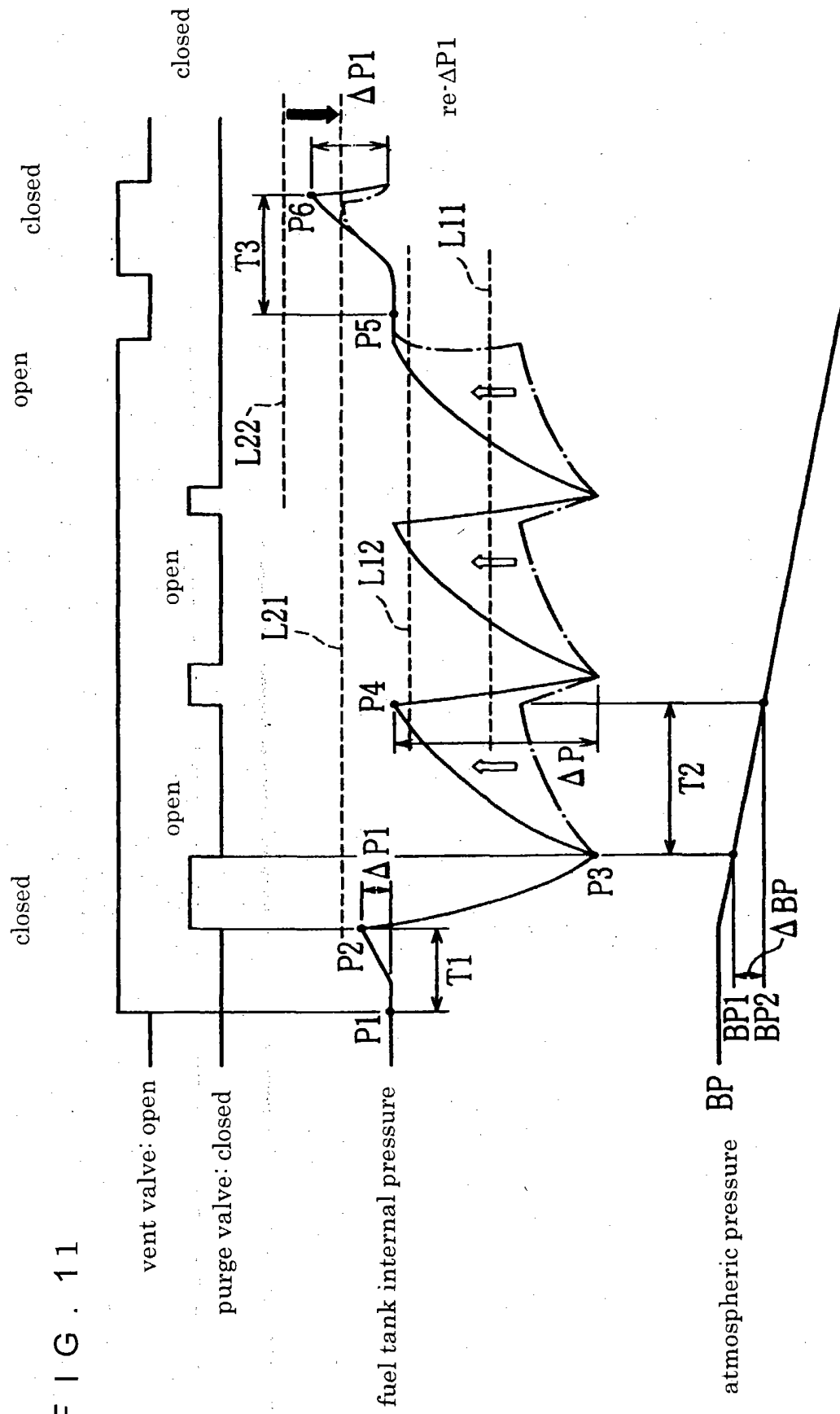


FIG. 12

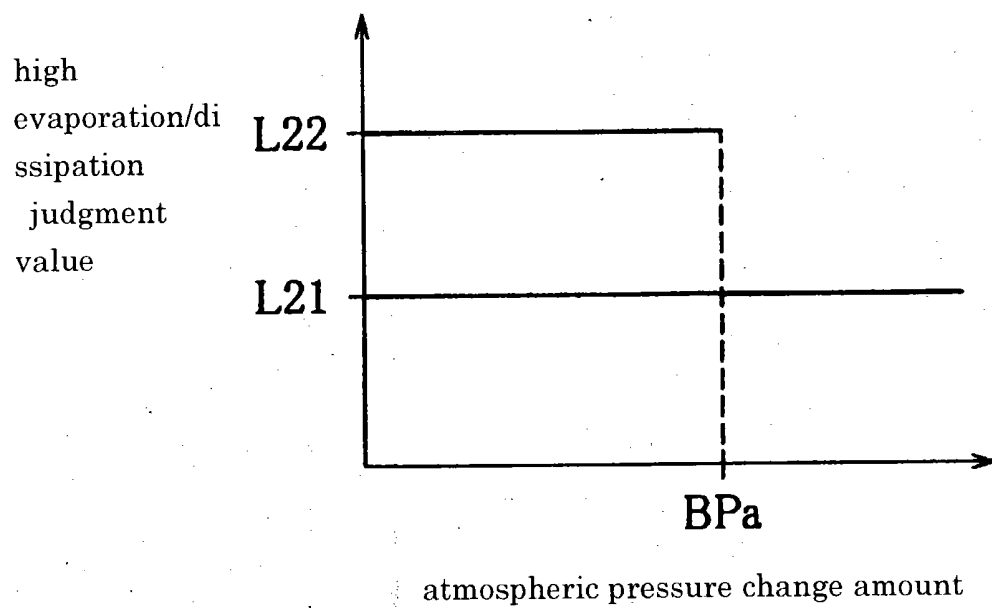


FIG. 13

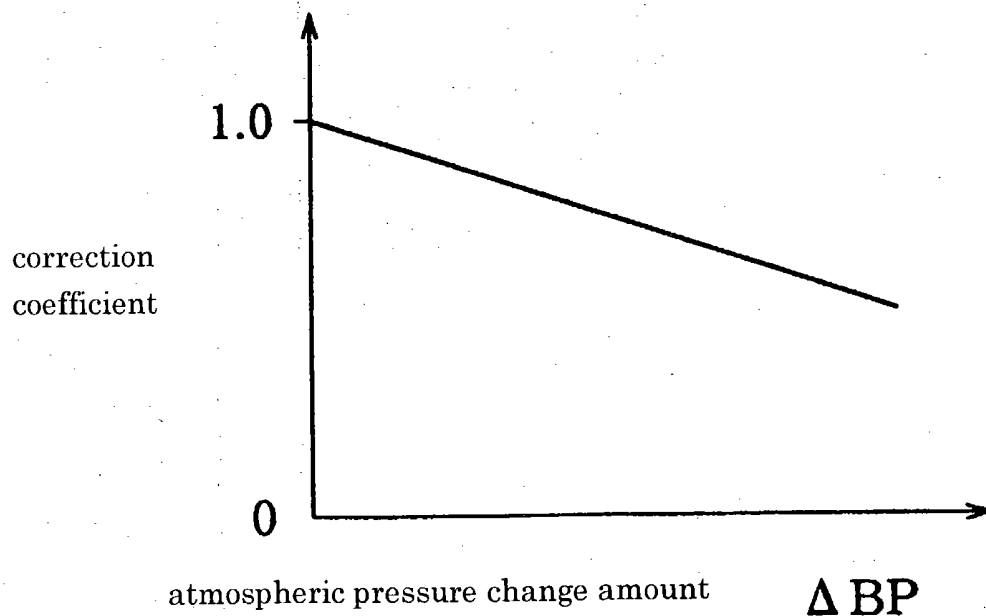
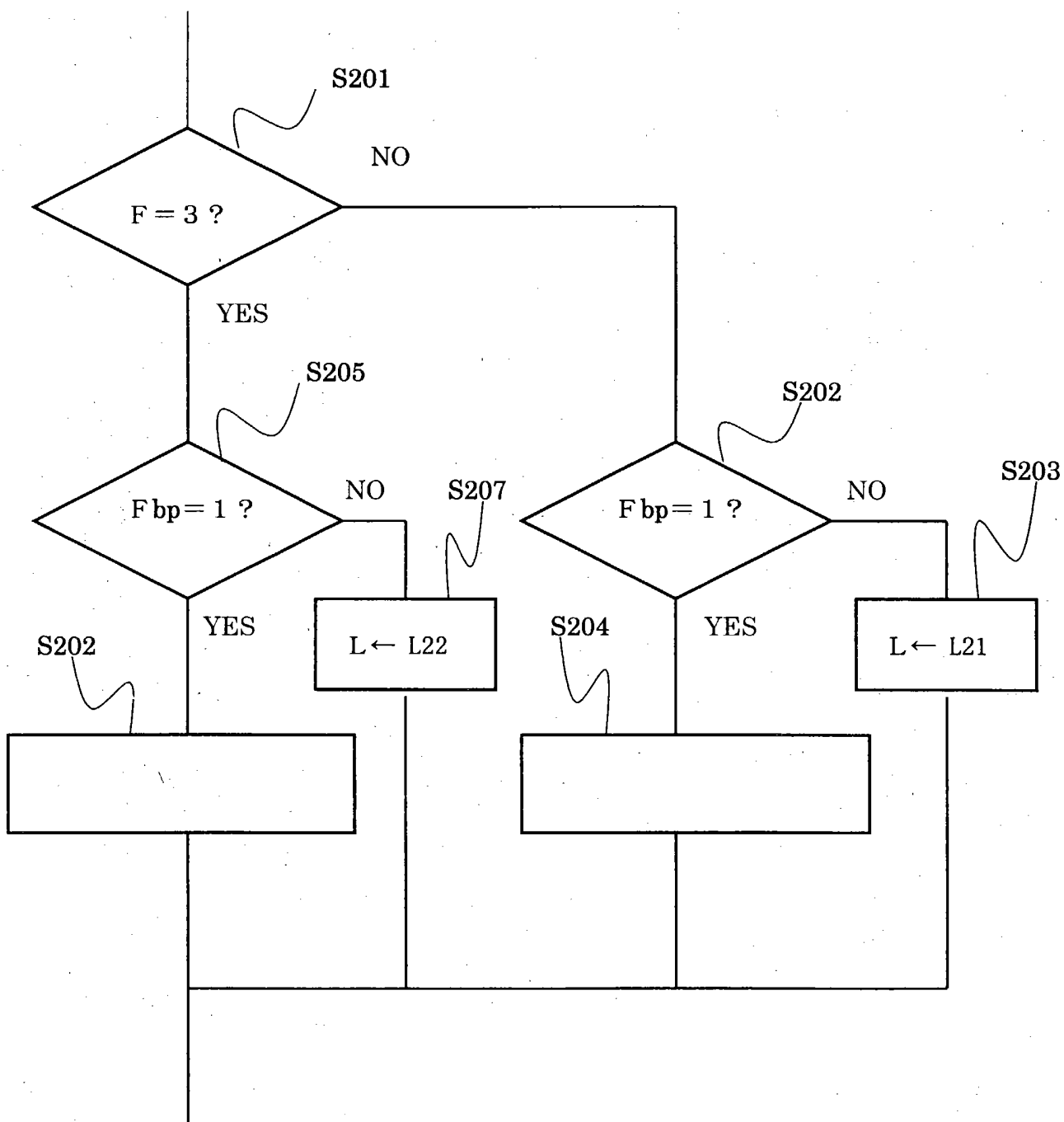


FIG. 14



S202: Set L22 in accordance with decrement of atmospheric pressure

S204: Set L21 in accordance with decrement of atmospheric pressure